

### **COMMENTS AND RESPONSE**

In view of the comments below, Applicant respectfully requests that the Examiner reconsider the present application including rejected claims, as amended, and withdraw the claim rejections.

#### ***Claim Objections***

The Examiner has objected to claims 12-22 because of an informality. In particular, the Examiner noted that the numbering of the claims was not in accordance with 37 C.F.R. 1.126. In particular, claims 12-22 were incorrectly numbered 12-21, with two claims numbered as 21.

By this response Applicant has renumbered the second claim 21 as claim 22. This amendment is made solely to correct a clerical error in the numbering. Therefore, this should not serve to limit the scope of claim 22 under *Festo Corp. v. Shoketsu Kinzoku Kogyo Kabushiki Co., Ltd.*, 535 U.S. 722 (May 28, 2002).

Based on this amendment, Applicant respectfully requests that the Examiner withdraw the objection to claims 12-21.

#### ***Claim Rejections – 35 USC § 102***

The Examiner has rejected claims 12-14 under 35 U.S.C. § 102(e) as being allegedly anticipated over United States Patent No. 6,246,715 to Park et al. (“Park”). Applicant respectfully traverses this rejection.

However, in an effort to expedite prosecution, and in no way acquiescing to this rejection, Applicant has cancelled pending claims 12-14, thus rendering this ground of rejection moot.

Based on at least the reasons given above, Applicant respectfully requests that the Examiner withdraw the rejection of claims 12-14 under 35 U.S.C. § 102(e) as being allegedly anticipated by Park.

***Claim Rejections – 35 USC § 103***

The Examiner has rejected claim 17 under 35 U.S.C. § 103(a) as being allegedly unpatentable over United States Patent No. 6,246,715 to Park et al. (“Park”). Applicant respectfully traverses this rejection.

However, in an effort to expedite prosecution, and in no way acquiescing to this rejection, Applicant has cancelled pending claim 17, thus rendering this ground of rejection moot.

Based on at least the reasons given above, Applicant respectfully requests that the Examiner withdraw the rejection of claim 17 under 35 U.S.C. § 103(a) as being allegedly anticipated over Park.

The Examiner has rejected claim 16 under 35 U.S.C. § 103(a) as being allegedly unpatentable over United States Patent No. 6,246,715 to Park et al. (“Park”), in view of United States Patent No. 6,112,069 to Na (“Na”). Applicant respectfully traverses this rejection.

However, in an effort to expedite prosecution, and in no way acquiescing to this rejection, Applicant has cancelled pending claim 16, thus rendering this ground of rejection moot.

Based on at least the reasons given above, Applicant respectfully requests that the Examiner withdraw the rejection of claim 16 under 35 U.S.C. § 103(a) as being allegedly unpatentable over Park, in view of Na.

***Allowable Subject Matter***

The Examiner objected to claims 15, 18, and 19 as being dependent upon a rejected base claim, but indicated that they would be allowable if rewritten in independent form including all of the limitations of their base claims and any intervening claims.

By this response, Applicant has amended claim 15 into independent form, including all of the limitations of claims 12, 13, and 14, from which it depends. Applicant has also amended claim 18 into independent form, including all of the limitations of claim 12 from which it depends. Claim 19 depends from claim 18 and is allowable for at least the same reasons as claim 18.

These amendments are being made solely to incorporate limitations that were inherent in claims 15 and 18. Therefore, this should not serve to limit the scope of the claims under *Festo Corp. v. Shoketsu Kinzoku Kogyo Kabushiki Co., Ltd.*, 535 U.S. 722 (May 28, 2002).

This places claims 15, 18, and 19 in a condition that the Examiner has indicated is allowable.

*Conclusion*

Accordingly, Applicant respectfully submits that the pending claims, as amended, clearly and patentably distinguish over the cited references of record and as such are deemed allowable. Such allowance is hereby earnestly and respectfully solicited at an early date. If the Examiner has any suggestions, comments, or questions, call are welcome at the telephone number below.

Although it is not anticipated that any additional fees are due or payable, the Commissioner is hereby authorized to charge any fees that may be required to Deposit Account No. 50-1147.

Respectfully Submitted,



---

Brian C. Altmiller  
Reg. No. 37,271

Date: August 12, 2004

Posz & Bethards, PLC  
11250 Roger Bacon Drive  
Suite 10  
Reston, VA 20190  
Phone (703) 707-9110  
Fax (703) 707-9112  
Customer No. 23400